

<b>Notice of References Cited</b>	Application/Control No. 10/815,727	Applicant(s)/Patent Under Reexamination BRENNAN ET AL.	
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#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,006,248	04-1991	Anderson et al.	210/500.25
	B	US-5,430,099	07-1995	Linder et al.	525/61
	C	US-5,624,875	04-1997	Nakanishi et al.	501/39
	D	US-5,711,964	01-1998	Dattagupta et al.	424/450
	E	US-6,204,202	03-2001	Leung et al.	438/781
	F	US-6,284,163	09-2001	Stowell et al.	264/4.1
	G	US-6,495,352	12-2002	Brinker et al.	435/176
	H	US-6,761,908	07-2004	Roreger, Michael	424/484
	I	US-2002/0001716	01-2002	Barbera-Guillem, Emilio	428/402.24
	J	US-2002/0061407	05-2002	Colton et al.	428/447
	K	US-2002/0064541	05-2002	Lapidot et al.	424/401
	L	US-			
	M	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Alstein et al., "Sol-gel-entrapped cholinesterases: a microtiter plate method for monitoring anti-cholinesterase compounds", 1998, J Agric Food Chem, Vol. 46, pp3318-3324 ✓
	V	Alstein et al., "Immunochemical approaches for purification and detection of TNT traces by antibodies entrapped in a sol-gel matrix", 2001, Anal Chem, Vol. 73, pp2461-2467 ✓
	W	Besanger et al., "Characterization of fluorescent phospholipid liposomes entrapped in sol-gel derived silica", 2002, J Phys Chem B, Vol. 106, pp10535-10542 ✓
	X	Besanger et al., "Screening of inhibitors using enzymes entrapped in sol-gel-derived materials", 2003, Anal Chem, Vol. 75, pp2382-2391 ✓

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
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	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Besanger et al., "Entrapment of highly active membrane-bound receptors in macroporous sol-gel derived silica", 2004, Anal Chem, Vol. 76, pp6470-6475 ✓
	V	Ching et al., "Nonaqueous sol-gel syntheses of microporous manganese oxides", 2002, Chem Mater, Vol. 14, pp1292-1299 ✓
	W	Delamarche et al., "Microcontact printing using poly(dimethylsiloxane) stamps hydrophilized by poly(ethylene oxide) silanes", 2003, Langmuir, Vol. 19, pp8749-8758 ✓
	X	Gill et al., "Biocapsulation within synthetic polymers (part 1): sol-gel encapsulated biologicals", 2000, TIBTECH, Vol. 18, pp282-296 ✓

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	N					
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	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Gill, "Bio-doped nanocomposite polymers: sol-gel bioencapsulates", 2001, Chem Mater, Vol. 13, pp3404-3421 ✓
	V	Jin et al., "Properties and applications of protein encapsulated within sol-gel derived materials", 2002, Analytica Chimica Acta, Vol. 461, pp1-36 ✓
	W	Keeling-Tucker et al., "FLuorescent probes as reporters on the local structure and dynamics in sol-gel-derived nanocomposite materials", 2001, Chem Mater, Vol. 13, pp3331-3350 ✓
	X	Kobayashi et al., "Sol-gel processing of silica coated gold nanoparticles", 2001, Langmuir, Vol. 17, pp6375-6379 ✓

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	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Narang et al., "Glucose biosensor based on a sol-gel-derived platform", 1994, Anal Chem, Vol. 66, pp3139-3144 ✓
	V	Sandstrom et al., "Amperometric biosensor for formic acid in air", 2000, Sensors and Actuators B, Vol. 70, pp182-187 ✓
	W	Schilstra et al., "The effect of solution composition in microtube dynamic instability", 1991, Biochem J, Vol. 277, pp839-847 ✓
	X	Smith et al., "Sol-gel encapsulated horseradish peroxidase: a catalytic material for peroxidation", 2002, J Am Chem Soc, Vol. 124, pp4247-4252 ✓

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	N					
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	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Wang et al., "Affinity fo antifuorescein antibodies encapsulated within a transparent sol-gel glass", 1993, Anal Chem, Vol. 65, pp2671-2675
	V	
	W	
	X	

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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.